

## Final 1998 Section 303(d) List - WRIA 22

<b>Water Name</b>	BLACK CREEK		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	SC15QZ	<b>Old Segment ID #</b>	WA-22-4025
<b>Stream Route #</b>	15.466	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	07W	<b>Grid Latitude</b>	
<b>Section</b>	17	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Rashin and Graber, 1992. 7 excursions out of 12 samples(58%) collected in 7/90.		
<b>Remarks</b>			

<b>Water Name</b>	CHEHALIS RIVER		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	PB33WC	<b>Old Segment ID #</b>	WA-22-4040
<b>Stream Route #</b>	0	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	17N	<b>Waterbody Grid #</b>	
<b>Range</b>	07W	<b>Grid Latitude</b>	
<b>Section</b>	18	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Twelve excursions beyond the criterion at Ecology ambient monitoring station 22C050 (RM 13.15) between 1985 and 1992.		
<b>Remarks</b>			

<b>Water Name</b>	CHEHALIS RIVER		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	PB33WC	<b>Old Segment ID #</b>	WA-22-4040
<b>Stream Route #</b>	0	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	17N	<b>Waterbody Grid #</b>	
<b>Range</b>	07W	<b>Grid Latitude</b>	
<b>Section</b>	18	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	2 excursions beyond the criterion out of 12 samples (17%) at Ecology ambient monitoring station 22C050 (RM 13.15) between 9/91 and 9/96.		
<b>Remarks</b>			

<b>Water Name</b>	DUCK LAKE		
<b>Parameter</b>	Total Phosphorus	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> None
<b>New Segment ID #</b>	YV18FA	<b>Old Segment ID #</b>	WA-22-9030
<b>Stream Route #</b>	0.509	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	17N	<b>Waterbody Grid #</b>	
<b>Range</b>	12W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Completed Phase I State Clean Lakes Restoration Project in 1994: KCM, 1994.		
<b>Remarks</b>	City of Ocean Shores is implementing the restoration activities recommended from the Phase I project using funds from 319 grants and the Aquatic Weed Management Grants. Watershed BMP projects underway including wetland enhancement to treat a tributary with high phosphorus loading. Septic systems responsible for high phosphorus levels in ground water are being connected to the sewage treatment plant. Ecology has conducted trophic state monitoring of the lake in 195 and 1996, and expects to continue this monitoring in 1997. The City of Ocean Shores is monitoring the function of the wetland after the enhancement project. The above information meets EPA guidance for excluding the lake from the list under federal regulation 40 CFR130.7(b)(1)(iii).		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	DS29ZH	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>	2.451	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	17N	<b>Waterbody Grid #</b>	
<b>Range</b>	09W	<b>Grid Latitude</b>	
<b>Section</b>	10	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	<p>2 excursions beyond the upper criterion out of 93 samples between 1/93 and 10/97 at station GYS004 collected by the Weyerhaeuser Cosmopolis Pump Mill (submitted by Ken Johnson on 10/29/97).</p> <p>3 excursions beyond the criterion out of 39 samples (8%) at Ecology ambient monitoring station GYS004 between 9/91 and 9/96.;</p> <p>Concurrent sampling conducted on 6/19/96 by Weyerhaeuser (submitted by Ken Johnson on 1/16/98) show that the fecal coliform level was 7 cfu/100ml in contrast to the estimated value from the Ecology collected sample of 370 cfu/100ml. Using the result that was not estimated, the above reference would be 2 excursions beyond the upper criterion for the period given.</p>		
<b>Remarks</b>			

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46123J9G4
<b>Range</b>		<b>Grid Latitude</b>	46.965
<b>Section</b>		<b>Grid Longitude</b>	123.945
<b>Basis for Consideration of Listing</b>	<p>1 excursion beyond the upper criterion out of 1 sample (on 9/30/91) at Ecology ambient monitoring station GYS009 between 9/91 and 9/96.;</p> <p>0 excursions beyond the upper criterion out of 82 samples between 1/93 and 10/97 at station GYS009 collected by the Weyerhaeuser Cosmopolis Pump Mill (submitted by Ken Johnson on 10/29/97).</p>		
<b>Remarks</b>	A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	No	<b>Listed in 1996</b>	No
		<b>Action Needed</b>	None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46123J9D1
<b>Range</b>		<b>Grid Latitude</b>	46.935
<b>Section</b>		<b>Grid Longitude</b>	123.915
<b>Basis for Consideration of Listing</b>	3 excursions beyond the criterion out of 45 samples (7%) at Ecology ambient monitoring station GYS008 between 9/91 and 9/96.		
<b>Remarks</b>	These excursions beyond the criterion are a natural condition with no direct human caused influence due to solar heating of the surface water based on the 6/97 judgement of Jan Newton (Dept. of Ecology). As shown in Figure 1.5 of Landry and Hickey (1989), temperatures greater than 16 degrees C are found during summer months in the shelf waters off the Washington and Oregon Coasts. Inner Grays Harbor could be expected to be even warmer than the shelf waters due to shallowness.		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	No	<b>Listed in 1996</b>	No
		<b>Action Needed</b>	None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46123J9G4
<b>Range</b>		<b>Grid Latitude</b>	46.965
<b>Section</b>		<b>Grid Longitude</b>	123.945
<b>Basis for Consideration of Listing</b>	2 excursions beyond the criterion out of 46 samples (4%) at Ecology ambient monitoring station GYS009 between 9/91 and 9/96.		
<b>Remarks</b>	These excursions beyond the criterion are a natural condition with no direct human caused influence due to solar heating of the surface water based on the 6/97 judgement of Jan Newton (Dept. of Ecology). As shown in Figure 1.5 of Landry and Hickey (1989), temperatures greater than 16 degrees C are found during summer months in the shelf waters off the Washington and Oregon Coasts. Inner Grays Harbor could be expected to be even warmer than the shelf waters due to shallowness.		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46123J8G7
<b>Range</b>		<b>Grid Latitude</b>	46.965
<b>Section</b>		<b>Grid Longitude</b>	123.875
<b>Basis for Consideration of Listing</b>	5 excursions beyond the criterion at Ecology ambient monitoring station GYS007 between 1984 and 1987.		
<b>Remarks</b>			

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Water Column Bioassay	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46123J8G6
<b>Range</b>		<b>Grid Latitude</b>	46.965
<b>Section</b>		<b>Grid Longitude</b>	123.865
<b>Basis for Consideration of Listing</b>	Johnson, et al. 1990., Receiving water dilution not adequate to reduce effluent from the ITT discharge to no effect level for Pacific oyster larvae and echinoderm sperm cell bioassays.		
<b>Remarks</b>	Since the Johnson, et al. 1990 report, the effluent flow to the water has been reduced considerably with the change in operation at the Grays Harbor Paper (ITT) facility.		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Water Column Bioassay	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	No	<b>Listed in 1996</b>	No
		<b>Action Needed</b>	None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46123J8F4
<b>Range</b>		<b>Grid Latitude</b>	46.955
<b>Section</b>		<b>Grid Longitude</b>	123.845
<b>Basis for Consideration of Listing</b>	Johnson, et al. 1990., Receiving water dilution not adequate to reduce effluent from the Weyerhaeuser discharge to no effect level for Pacific oyster larvae and echinoderm sperm cell bioassays.		
<b>Remarks</b>	An evaluation by Ecology (summary submitted by Ken Johnson on 10/29/97) of the effluent from the Weyerhaeuser Facility show that there is "no chronic toxicity detected" for fathead minnows, Ceriodaphnia dubia, and oyster larvae. Using these newer data, there is no basis for listing this segment for water column bioassay.		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	pH	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	No	<b>Listed in 1996</b>	No
		<b>Action Needed</b>	None
<b>New Segment ID #</b>	DS29ZH	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>	2.451	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	17N	<b>Waterbody Grid #</b>	
<b>Range</b>	09W	<b>Grid Latitude</b>	
<b>Section</b>	10	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	13 excursions beyond the criterion out of 44 samples (30%) at Ecology ambient monitoring station GYS004 between 9/91 and 9/96.		
<b>Remarks</b>	These excursions beyond the criterion are a natural condition with no direct human caused influence likely due to runoff from adjacent wetlands based on the 6/97 judgement of Jan Newton (Dept. of Ecology). All of the excursions occurred during the winter, accompanied by very low salinity values, and were below the lower pH criterion. Inner Grays Harbor is surrounded by wetlands. Runoff containing organic acids created by decomposition in these wetlands may decrease the pH in the adjacent marine waters.		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46123J9D1
<b>Range</b>		<b>Grid Latitude</b>	46.935
<b>Section</b>		<b>Grid Longitude</b>	123.915
<b>Basis for Consideration of Listing</b>	<p>7 excursions beyond the criterion out of 42 samples (17%) at Ecology ambient monitoring station GYS008 between 9/91 and 9/96.; Concurrent sampling conducted on 5/9/95 and 7/17/95 by Weyerhaeuser (submitted by Ken Johnson on 1/16/98) show that the fecal coliform levels were below the upper criterion in contrast to the estimated "J" values from the Ecology collected samples on the same dates. Using the result that was not estimated, the above reference would be 5 excursions beyond the upper criterion for the period given.;</p> <p>0 excursions beyond the upper criterion out of 93 samples between 1/93 and 10/97 at station GYS008 collected by the Weyerhaeuser Cosmopolis Pump Mill (submitted by Ken Johnson on 10/29/97).</p>		
<b>Remarks</b>	The most recent data collected by the Weyerhaeuser Cosmopolis Pump Mill show that water quality standards are being met.		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46123J8F9
<b>Range</b>		<b>Grid Latitude</b>	46.955
<b>Section</b>		<b>Grid Longitude</b>	123.895
<b>Basis for Consideration of Listing</b>	Dept. of Health Prohibited Commercial Shellfish Area in the east end of Grays Harbor is based on policy (not water quality sampling).		
<b>Remarks</b>	Many areas are classified as "Prohibited" for commercial shellfish harvest by the Department of Health because of the proximity on a wastewater discharge, and not due to violations of the water quality standards. Without water quality data to show an actual impact, there is no basis for listing waters in these areas.		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	No	<b>Listed in 1996</b>	No
		<b>Action Needed</b>	None
<b>New Segment ID #</b>	DS29ZH	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>	2.451	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	17N	<b>Waterbody Grid #</b>	
<b>Range</b>	09W	<b>Grid Latitude</b>	
<b>Section</b>	10	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	4 excursions beyond the criterion out of 45 samples (9%) at Ecology ambient monitoring station GYS004 between 9/91 and 9/96.		
<b>Remarks</b>	These excursions beyond the criterion are a natural condition with no direct human caused influence due to solar heating of the surface water based on the 6/97 judgement of Jan Newton (Dept. of Ecology). As shown in Figure 1.5 of Landry and Hickey (1989), temperatures greater than 16 degrees C are found during summer months in the shelf waters off the Washington and Oregon Coasts. Inner Grays Harbor could be expected to be even warmer than the shelf waters due to shallowness.		

<b>Water Name</b>	GRAYS HARBOR (INNER)		
<b>Parameter</b>	Dioxin	<b>Mediu</b>	Tissue
<b>Place on 1998 List?</b>	No	<b>Listed in 1996</b>	No
		<b>Action Needed</b>	None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0030
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46123J8F7
<b>Range</b>		<b>Grid Latitude</b>	46.955
<b>Section</b>		<b>Grid Longitude</b>	123.875
<b>Basis for Consideration of Listing</b>	EPA National Bioaccumulation Survey , excursions beyond the criterion in samples of flounder tissues.		
<b>Remarks</b>	TMDL based on permits for Weyerhaeuser at Cosmopolis and ITT Rayonier at Hoquiam submitted on 3/9/92. EPA approved the TMDL on 7/2/92.		



<b>Water Name</b>	GRAYS HARBOR (OUTER)		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	No	<b>Listed in 1996</b>	No
		<b>Action Needed</b>	None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0020
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46124J0C7
<b>Range</b>		<b>Grid Latitude</b>	46.925
<b>Section</b>		<b>Grid Longitude</b>	124.075
<b>Basis for Consideration of Listing</b>	8 excursions beyond the criterion out of 37 samples (22%) at Ecology ambient monitoring station GYS015 between 9/91 and 9/96.		
<b>Remarks</b>	These excursions beyond the criterion are a natural condition with no direct human caused influence due to solar heating of the surface water based on the 6/97 judgement of Jan Newton (Dept. of Ecology). As shown in Figure 1.5 of Landry and Hickey (1989), temperatures greater than 16 degrees C are found during summer months in the shelf waters off the Washington and Oregon Coasts. Inner Grays Harbor could be expected to be even warmer than the shelf waters due to shallowness.		

<b>Water Name</b>	GRAYS HARBOR (OUTER)		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	No	<b>Listed in 1996</b>	No
		<b>Action Needed</b>	None
<b>New Segment ID #</b>	390KRD	<b>Old Segment ID #</b>	WA-22-0020
<b>Stream Route #</b>		<b>Water Resource Inventory Area</b>	22
<b>Township</b>		<b>Waterbody Grid #</b>	46124J0F9
<b>Range</b>		<b>Grid Latitude</b>	46.955
<b>Section</b>		<b>Grid Longitude</b>	124.095
<b>Basis for Consideration of Listing</b>	7 excursions beyond the criterion out of 42 samples (17%) at Ecology ambient monitoring station GYS016 between 9/91 and 9/96.		
<b>Remarks</b>	These excursions beyond the criterion are a natural condition with no direct human caused influence due to solar heating of the surface water based on the 6/97 judgement of Jan Newton (Dept. of Ecology). As shown in Figure 1.5 of Landry and Hickey (1989), temperatures greater than 16 degrees C are found during summer months in the shelf waters off the Washington and Oregon Coasts. Inner Grays Harbor could be expected to be even warmer than the shelf waters due to shallowness.		

<b>Water Name</b>	GRAYS HARBOR (OUTER)		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="text"/> None
<b>New Segment ID #</b>	<input type="text"/> 390KRD	<b>Old Segment ID #</b>	<input type="text"/> WA-22-0020
<b>Stream Route #</b>	<input type="text"/>	<b>Water Resource Inventory Area</b>	<input type="text"/> 22
<b>Township</b>	<input type="text"/>	<b>Waterbody Grid #</b>	<input type="text"/> 46124J0C7
<b>Range</b>	<input type="text"/>	<b>Grid Latitude</b>	<input type="text"/> 46.925
<b>Section</b>	<input type="text"/>	<b>Grid Longitude</b>	<input type="text"/> 124.075
<b>Basis for Consideration of Listing</b>	3 excursions beyond the criterion out of 37 samples (8%) at Ecology ambient monitoring station GYS015 between 9/91 and 9/96.		
<b>Remarks</b>	These excursions beyond the criterion are a natural condition due to the influence from upwelled deep Pacific Ocean water based on the 6/97 judgement of Jan Newton (Dept. of Ecology). Landry and Hickey (1989) state that upwelling occurs during summer months off the Washington and Oregon Coasts. In outer Grays Harbor, dissolved oxygen concentrations were below 6 mg/L only 3 times in 7 years. If dissolved oxygen concentrations were being lowered due to human-caused effects, excursions below the criterion would be observed much more frequently. Also, conditions would likely be worse in the inner harbor; however, no excursions beyond the criterion were observed in inner Grays Harbor. As shown in Figure 1.12 of Landry and Hickey (1989), dissolved oxygen less than 6 mg/L (=4.2 mL/L) are seen off the Washington coast during summer months at 50 meters. Upwelling favorable conditions can push these waters up and into the entrance to Grays Harbor.		

<b>Water Name</b>	GRAYS HARBOR (OUTER)		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input checked="" type="checkbox"/> Yes	<b>Listed in 1996</b>	<input checked="" type="checkbox"/> Yes <b>Action Needed</b> <input type="text"/> TMDL
<b>New Segment ID #</b>	<input type="text"/> 390KRD	<b>Old Segment ID #</b>	<input type="text"/> WA-22-0020
<b>Stream Route #</b>	<input type="text"/>	<b>Water Resource Inventory Area</b>	<input type="text"/> 22
<b>Township</b>	<input type="text"/>	<b>Waterbody Grid #</b>	<input type="text"/> 46124I0G4
<b>Range</b>	<input type="text"/>	<b>Grid Latitude</b>	<input type="text"/> 46.865
<b>Section</b>	<input type="text"/>	<b>Grid Longitude</b>	<input type="text"/> 124.045
<b>Basis for Consideration of Listing</b>	Department of Health Conditionally Approved Commercial Shellfish Area near the mouth of the Elk River based partially on data from station 54 that exceed the criterion (from the Annual Growing Area Review ending December 1996).		
<b>Remarks</b>	<input type="text"/>		

<b>Water Name</b>	GRAYS HARBOR (OUTER)		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="text"/> None
<b>New Segment ID #</b>	<input type="text"/> 390KRD	<b>Old Segment ID #</b>	<input type="text"/> WA-22-0020
<b>Stream Route #</b>	<input type="text"/>	<b>Water Resource Inventory Area</b>	<input type="text"/> 22
<b>Township</b>	<input type="text"/>	<b>Waterbody Grid #</b>	<input type="text"/> 46124J0C7
<b>Range</b>	<input type="text"/>	<b>Grid Latitude</b>	<input type="text"/> 46.925
<b>Section</b>	<input type="text"/>	<b>Grid Longitude</b>	<input type="text"/> 124.075
<b>Basis for Consideration of Listing</b>	1 excursions beyond the criterion out of 41 samples (2%) at Ecology ambient monitoring station GYS015 between 9/91 and 9/96.		
<b>Remarks</b>	<p>A single excursion beyond the criterion does not meet the Water Quality Program policy for listing.</p> <p>This excursion beyond the criterion is a natural condition due to the influence from upwelled deep Pacific Ocean water based on the 6/97 judgement of Jan Newton (Dept. of Ecology). Landry and Hickey (1989) state that upwelling occurs during summer months off the Washington and Oregon Coasts. In outer Grays Harbor, dissolved oxygen concentrations were below 6 mg/L only 3 times in 7 years. If dissolved oxygen concentrations were being lowered due to human-caused effects, excursions below the criterion would be observed much more frequently. Also, conditions would likely be worse in the inner harbor; however, no excursions beyond the criterion were observed in inner Grays Harbor. As shown in Figure 1.12 of Landry and Hickey (1989), dissolved oxygen less than 6 mg/L (=4.2 mL/L) are seen off the Washington coast during summer months at 50 meters. Upwelling favorable conditions can push these waters up and into the entrance to Grays Harbor.</p>		

<b>Water Name</b>	GRAYS HARBOR COUNTY DRAINAGE DITCH NO. 1 (GHCDD-1)		
<b>Parameter</b>	Carbaryl	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="text"/>
<b>New Segment ID #</b>	<input type="text"/> AB55IV	<b>Old Segment ID #</b>	<input type="text"/> None75
<b>Stream Route #</b>	<input type="text"/> 0	<b>Water Resource Inventory Area</b>	<input type="text"/> 22
<b>Township</b>	<input type="text"/> 15N	<b>Waterbody Grid #</b>	<input type="text"/>
<b>Range</b>	<input type="text"/> 11 W	<b>Grid Latitude</b>	<input type="text"/> 0
<b>Section</b>	<input type="text"/> 06	<b>Grid Longitude</b>	<input type="text"/> 0
<b>Basis for Consideration of Listing</b>	Ecology report, 1997, Assessemnt of Cranberry Bog Drainage pesticide Contamination - Results from Chemical Analysis of Surface Water, Tissue, and Sediment Samples Collected in 1996. 2 samples were greater than 0.02 ug/l.		
<b>Remarks</b>	Narrative standard for toxicity National Academy of Sciences recommended concentration of 0.02 ug/l.		

<b>Water Name</b>	GRAYS HARBOR COUNTY DRAINAGE DITCH NO. 1 (GHCDD-1)		
<b>Parameter</b>	Parathion	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b>
<b>New Segment ID #</b>	AB55IV	<b>Old Segment ID #</b>	None75
<b>Stream Route #</b>	0	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	15N	<b>Waterbody Grid #</b>	
<b>Range</b>	11W	<b>Grid Latitude</b>	0
<b>Section</b>	06	<b>Grid Longitude</b>	0
<b>Basis for Consideration of Listing</b>	Ecology report, 1997, Assesemnt of Cranberry Bog Drainage pesticide Contamination - Results from Chemical Analysis of Surface Water, Tissue, and Sediment Samples Collected in 1996. 1 sample was greater than the acute criterion and 5 samples were greater than the chronic criterion.		
<b>Remarks</b>	EPA listed this waterbody based on State acute criterion - 0.065 ug/l, State chronic criterion - 0.013 ug/l.		

<b>Water Name</b>	GRAYS HARBOR COUNTY DRAINAGE DITCH NO. 1 (GHCDD-1)		
<b>Parameter</b>	Diazinon	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b>
<b>New Segment ID #</b>	AB55IV	<b>Old Segment ID #</b>	None75
<b>Stream Route #</b>	0	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	15N	<b>Waterbody Grid #</b>	
<b>Range</b>	11W	<b>Grid Latitude</b>	0
<b>Section</b>	06	<b>Grid Longitude</b>	0
<b>Basis for Consideration of Listing</b>	Ecology report, 1997, Assesemnt of Cranberry Bog Drainage pesticide Contamination - Results from Chemical Analysis of Surface Water, Tissue, and Sediment Samples Collected in 1996. 25 out of 26 samples exceeded the chronic criterion with 20 of these being greater than the acute criterion.		
<b>Remarks</b>	EPA listed this waterbody based on narrative standard for toxicity based on CDFG using EPA guidelines maximum acute - 0.08 ug/l, continuous chronic - 0.04 ug/l.		

<b>Water Name</b>	GRAYS HARBOR COUNTY DRAINAGE DITCH NO. 1 (GHCDD-1)		
<b>Parameter</b>	4,4'-DDD	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b>
<b>New Segment ID #</b>	AB55IV	<b>Old Segment ID #</b>	None75
<b>Stream Route #</b>	0	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	15N	<b>Waterbody Grid #</b>	
<b>Range</b>	11W	<b>Grid Latitude</b>	0
<b>Section</b>	06	<b>Grid Longitude</b>	0
<b>Basis for Consideration of Listing</b>	Ecology report, 1997, Assesemnt of Cranberry Bog Drainage pesticide Contamination - Results from Chemical Analysis of Surface Water, Tissue, and Sediment Samples Collected in 1996. 2 samples exceeded the state criterion.		
<b>Remarks</b>	EPA listed this waterbody based on State chronic standard 0.001 ug/l.		

<b>Water Name</b>	GRAYS HARBOR COUNTY DRAINAGE DITCH NO. 1 (GHCDD-1)		
<b>Parameter</b>	Azinphos-Methyl	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b>
<b>New Segment ID #</b>	AB55IV	<b>Old Segment ID #</b>	None75
<b>Stream Route #</b>	0	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	15N	<b>Waterbody Grid #</b>	
<b>Range</b>	11W	<b>Grid Latitude</b>	0
<b>Section</b>	06	<b>Grid Longitude</b>	0
<b>Basis for Consideration of Listing</b>	Ecology report, 1997, Assesemnt of Cranberry Bog Drainage pesticide Contamination - Results from Chemical Analysis of Surface Water, Tissue, and Sediment Samples Collected in 1996. All but one sample exceeded the standard.		
<b>Remarks</b>	EPA listed this waterbody based on EPA criterion 0.01 ug/l.		

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<b>Water Name</b>	HUMPTULIPS RIVER		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	NY74PY	<b>Old Segment ID #</b>	WA-22-1010
<b>Stream Route #</b>	35.198	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	20N	<b>Waterbody Grid #</b>	
<b>Range</b>	10W	<b>Grid Latitude</b>	
<b>Section</b>	17	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	2 excursions beyond the criterion out of 36 samples (6%) at Ecology ambient monitoring station 22A070 (RM 23.6) between 9/91 and 9/96.		
<b>Remarks</b>			

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<b>Water Name</b>	HUMPTULIPS RIVER		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	TU95RU	<b>Old Segment ID #</b>	WA-22-1010
<b>Stream Route #</b>	0	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	20N	<b>Waterbody Grid #</b>	
<b>Range</b>	11W	<b>Grid Latitude</b>	
<b>Section</b>	12	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Washington Dept. of Fish and Wildlife data show numerous excursions beyond the criterion at the inflow to the Humptulips Hatchery.		
<b>Remarks</b>			

<b>Water Name</b>	RABBIT CREEK		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	MV99EG	<b>Old Segment ID #</b>	WA-22-4085
<b>Stream Route #</b>	3.085	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	21N	<b>Waterbody Grid #</b>	
<b>Range</b>	06W	<b>Grid Latitude</b>	
<b>Section</b>	28	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Rashin and Graber, 1992. , 14 excursions beyond the criterion measured in 1990.		
<b>Remarks</b>			

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> TMDL
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.035	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Kendra, 1987. 2 excursions beyond the criterion at RM 4.6 and RM 4.7 on 8/26/86 and 8/27/86.		
<b>Remarks</b>			

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="text" value="None"/>
<b>New Segment ID #</b>	IJ69FB	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	0.9	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	30	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Musgrove, 1977. 2 excursions beyond the criterion (daily minimum) at station 12 in 8/77.		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="text" value="None"/>
<b>New Segment ID #</b>	IJ69FB	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.394	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	21	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Musgrove, 1977. 3 excursions beyond the criterion (daily minimum) at stations 9 and 10 in 8/77.		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		



<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	1.391	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	15	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Musgrove, 1977. 3 excursions beyond the criterion (daily minimum) at station 8 in 8/77.		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	1.391	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	15	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Musgrove, 1977. 3 excursions beyond the upper criterion collected at station 8 in 8/77..		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.035	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Kendra, 1987. No excursions beyond the criterion were measured.		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.035	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Kendra, 1987. No excursions beyond the criterion were measured.		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Ammonia-N	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.035	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Kendra, 1987. No excursions beyond the criterion were measured.		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Chlorine	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.035	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Kendra, 1987. No excursions beyond the criterion were measured.		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Chlorine	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.035	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Musgrove, 1977. 3 excursions beyond the criterion collected at stations 6 and 7 on 8/11/77..		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="checkbox"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.035	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Musgrove, 1977. 3 excursions beyond the upper criterion collected at stations 6 and 7 in 8/77..		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

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<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Dissolved Oxygen	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="text"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.035	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Musgrove, 1977. 3 excursions beyond the criterion (daily minimum) at stations 6 and 7 in 8/77.		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

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<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Ammonia-N	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="text"/> None
<b>New Segment ID #</b>	QS65DS	<b>Old Segment ID #</b>	WA-22-4045
<b>Stream Route #</b>	4.035	<b>Water Resource Inventory Area</b>	22
<b>Township</b>	18N	<b>Waterbody Grid #</b>	
<b>Range</b>	05W	<b>Grid Latitude</b>	
<b>Section</b>	14	<b>Grid Longitude</b>	
<b>Basis for Consideration of Listing</b>	Musgrove, 1977. Mean ammonia-N values of 12 samples collected over a 48-hour period exceed the acute criterion at stations 6 and 7.		
<b>Remarks</b>	TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WILDCAT CREEK		
<b>Parameter</b>	Fecal Coliform	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> No	<b>Listed in 1996</b>	<input type="checkbox"/> No <b>Action Needed</b> <input type="text"/> None
<b>New Segment ID #</b>	<input type="text"/> QS65DS	<b>Old Segment ID #</b>	<input type="text"/> WA-22-4045
<b>Stream Route #</b>	<input type="text"/> 0.391	<b>Water Resource Inventory Area</b>	<input type="text"/> 22
<b>Township</b>	<input type="text"/> 18N	<b>Waterbody Grid #</b>	<input type="text"/>
<b>Range</b>	<input type="text"/> 05W	<b>Grid Latitude</b>	<input type="text"/>
<b>Section</b>	<input type="text"/> 21	<b>Grid Longitude</b>	<input type="text"/>
<b>Basis for Consideration of Listing</b>	<input type="text"/> Musgrove, 1977. 3 excursions beyond the upper criterion collected at station 9 in 8/77..		
<b>Remarks</b>	<input type="text"/> TMDL based on effluent limits placed on the McCleary wastewater discharge submitted 3/9/92. EPA approved the TMDL on 2/12/93.		

<b>Water Name</b>	WYNOOCHEE RIVER		
<b>Parameter</b>	Temperature	<b>Mediu</b>	Water
<b>Place on 1998 List?</b>	<input type="checkbox"/> Yes	<b>Listed in 1996</b>	<input type="checkbox"/> Yes <b>Action Needed</b> <input type="text"/> TMDL
<b>New Segment ID #</b>	<input type="text"/> PB22WC	<b>Old Segment ID #</b>	<input type="text"/> WA-22-4020
<b>Stream Route #</b>	<input type="text"/> 19.916	<b>Water Resource Inventory Area</b>	<input type="text"/> 22
<b>Township</b>	<input type="text"/> 18N	<b>Waterbody Grid #</b>	<input type="text"/>
<b>Range</b>	<input type="text"/> 08W	<b>Grid Latitude</b>	<input type="text"/>
<b>Section</b>	<input type="text"/> 05	<b>Grid Longitude</b>	<input type="text"/>
<b>Basis for Consideration of Listing</b>	<input type="text"/> Two excursions beyond the criterion at Ecology ambient monitoring station 22F090 on 7/17/73 and 9/17/74.		
<b>Remarks</b>	<input type="text"/>		